

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. – 39. (Canceled)

40. (New) A method of generating a permanent record of a service provided to a user at a location of a mobile device of the user, the method comprising:

receiving a request for a permanent record of a service and information identifying a specific printer on which the permanent record is to be printed, wherein the specific printer is located at the location of the mobile device of the user, and wherein the request for the permanent record and the information identifying a specific printer are received from the mobile device of the user;

processing the received request for the permanent record, wherein the processing includes generating data for printout of the permanent record; and

transmitting the generated data to a print server, wherein the print server is configured to modify the data for the printout based on the characteristics of the specific printer and transmit the modified data for the printout to the mobile device of the user, wherein the modification of the data comprises utilizing an adaptive halftone method;

wherein the mobile device is configured to communicate the modified data for the printout of the permanent record to the specific printer.

41. (New) The method of claim 40, further comprising:

completing a transaction with a transaction server prior to transmitting the generated data to a print server.

42. (New) The method of claim 40, further comprising:

receiving data relating to the location of the mobile device, wherein the location of the mobile device is determined by the mobile device.

43. (New) The method of claim 40, further comprising:

transmitting a message to the mobile device after transmitting the generated data to a print server, wherein the message comprises a confirmation that the request for the permanent record has been filled.

44. (New) The method of claim 40, wherein the requested service is an event ticket.

45. (New) The method of claim 40, wherein the requested service is a coupon.

46. (New) The method of claim 42, wherein the requested service is a location-based service.

47. (New) The method of claim 40, wherein the data for the printout of the permanent record comprises a digital image, wherein the digital image comprises a plurality of pixels, wherein each pixel is represented by an input value, and wherein the modification of the data for the printout of the permanent record comprises:

filtering the data to generate a filtered value for each pixel;

obtaining the difference between the filtered value of each pixel and the input value of each pixel;

determining a threshold based on the obtained differences; and

generating an output value for each pixel based on the threshold and the input value of each pixel.

48. (New) A system for generating a permanent record of a service provided to a user at a location of a mobile device of the user, the system comprising:

a receiver configured to receive a request for a permanent record of a service and information identifying a specific printer on which the permanent record is to be printed, wherein the specific printer is located at the location of the mobile device of the user, and wherein the request for the permanent record and the information identifying a specific printer are received from the mobile device of the user;

a processor configured to process the received request for the permanent record, wherein the processing includes generating data for printout of the permanent record; and

a transmitter configured to transmit the generated data to a print server, wherein the print server is configured to modify the data for the printout based on the characteristics of the specific printer and transmit the modified data for the printout to the mobile device of the user, wherein the modification of the data comprises utilizing an adaptive halftone method;

wherein the mobile device is configured to communicate the modified data for the printout of the permanent record to the specific printer.

49. (New) The system of claim 48, further comprising:

a communication mechanism configured to communicate with a transaction server prior to transmitting the generated data to a print server.

50. (New) The system of claim 48, wherein the receiver is further configured to receive data relating to the location of the mobile device, wherein the location of the mobile device is determined by the mobile device.

51. (New) The system of claim 48, further comprising:

a transmitter configured to transmit a message to the mobile device of the user after transmitting the generated data to a print server, wherein the message comprises a confirmation that the request for the permanent record has been filled.

52. (New) The system of claim 48, wherein the requested service is an event ticket.

53. (New) The system of claim 48, wherein the requested service is a coupon.

54. (New) The system of claim 50, wherein the requested service is a location-based service.

55. (New) The system of claim 48, wherein the data for the printout of the permanent record comprises a digital image, wherein the digital image comprises a plurality of pixels, wherein each pixel is represented by an input value, and wherein the modification of the data for the printout of the permanent record comprises:

filtering the data to generate a filtered value for each pixel;

obtaining the difference between the filtered value of each pixel and the input value of each pixel;

determining a threshold based on the obtained differences; and

generating an output value for each pixel based on the threshold and the input value of each pixel.

56. (New) A computer readable medium comprising instructions for generating a permanent record of a service provided to a user at a location of a mobile device of the user, the instructions comprising instructions for:

receiving a request for a permanent record of a service and information identifying a specific printer on which the permanent record is to be printed, wherein the specific printer is located at the location of the mobile device of the user, and wherein the request for the permanent record and the information identifying a specific printer are transmitted from the mobile device of the user;

processing the received request for the permanent record, wherein the processing includes generating data for printout of the permanent record; and

transmitting the generated data to a print server, wherein the print server is configured to modify the data for the printout based on the characteristics of the specific printer and transmit the modified data for the printout to the mobile device of the user, wherein the modification of the data comprises utilizing an adaptive halftone method;

wherein the mobile device is configured to communicate the modified data for the printout of the permanent record to the specific printer.

57. (New) The computer readable medium of claim 56, the instructions further comprising instructions for:

completing a transaction with a transaction server prior to transmitting the generated data to a print server.

58. (New) The computer readable medium of claim 56, the instructions further comprising instructions for:

receiving data relating to the location of the mobile device, wherein the location of the mobile device is determined by the mobile device.

59. (New) The computer readable medium of claim 56, the instructions further comprising instructions for:

transmitting a message to the mobile device of the user after transmitting the generated data to a print server, wherein the message comprises a confirmation that the request for the permanent record has been filled.

60. (New) The computer readable medium of claim 56, wherein the requested service is an event ticket.

61. (New) The computer readable medium of claim 56, wherein the requested service is a coupon.

62. (New) The computer readable medium of claim 56, wherein the data for the printout of the permanent record comprises a digital image, wherein the digital image comprises a plurality of pixels, wherein each pixel is represented by an input value, and wherein the modification of the data for the permanent record comprises:

filtering the data to generate a filtered value for each pixel;

obtaining the difference between the filtered value of each pixel and the input value of each pixel;

determining a threshold based on the obtained differences; and

generating an output value for each pixel based on the threshold and the input value of each pixel.